IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:	)	
	)	Attorney Docket No.: 1714-0012
Richard H. Wagner	)	
	)	
Serial No.: To be assigned	)	Examiner: To be assigned
	)	
Filed: Herewith	)	
	)	Group Art Unit: To be assigned
For: System and Method for Enabling	)	
Transactions Between a Web Server	)	
and An Automated Teller Machine	)	
Over the Internet	)	

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicant hereby discloses the following references listed below and identified on the attached PTO-1449 regarding the above-identified patent application. Copies of references not previously submitted are attached while those references previously cited or submitted to the U.S. Patent and Trademark Office

are not attached pursuant to 37 CFR §1.98(d). Most of these references were cited by or submitted to the U.S. Patent and Trademark Office in applications to which priority is claimed: U.S. Patent Application Serial No. 10/213,959 filed on August 7, 2002, U.S. Patent Application Serial No. 10/100,347 filed on March 18, 2002, U.S. Patent Application Serial No. 09/907,076 filed on July 17, 2001, U.S. Patent Application Serial No. 09/314,266 filed on May 18, 1999 (now U.S. Patent No. 6,366,967), U.S. Patent Application Serial No. 08/995,123 filed on December 19, 1997 (now U.S. Patent No. 5,905,908), U.S. Patent Application Serial No. 08/493,772 filed on June 22, 1995 (now U.S. Patent No. 5,742,845). Note that this patent application is a continuation of U.S Patent Application Serial No. 10/213,959 filed on August 7, 2002, which is a continuation of U.S. Patent Application Serial No. 10/100,347 filed on March 18, 2002, which is a continuation of U.S. Patent Application Serial No. 09/907,076 filed on July 17, 2001, which is a continuation of U.S. Patent Application Serial No. 09/314,266 filed on May 18, 1999, (now U.S. Patent No. 6,366,967), which is a continuation of U.S. Patent Application Serial No. 08/995,123 filed on December 19, 1997 (now U.S. Patent No. 5,905,908), which is a continuation of U.S. Patent Application Serial No. 08/493,772 filed on June 22, 1995 (now U.S. Patent No. 5,742,845).

These references were brought to the attention of Applicant by counsel for Fleet Boston Financial Corporation, FleetBank (RI) National Association, Providian Financial Corp., and Visa USA in litigations regarding patents that are in this application's claim of prority. These cases are styled as follows: 1) Datascape, Inc. v. FleetBoston Financial Corporation and FleetBank (RI) National Association, Civil Action NO. 1:01-CV-2246-

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CAP, and 3) Visa USA, Inc. v. Datascape, Inc., Civil Action No. 1:02-CV-289-CAP. All

of these actions are before the United States District Court, Northern District of Georgia,

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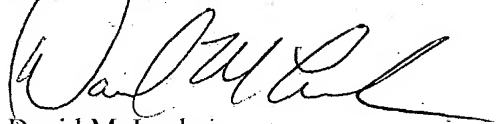
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It is believed that no fees are due for the consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any deficiency or to credit any overpayment to Deposit Account No. 13-0014, but not to include any payment of issue fees.

Respectfully Submitted,

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	3,668,653	06/06/1972	Fair et al.			
	AB	4,410,962	10/18/1983	Daniels et al.			
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL	WO 95/16971	22/06/1995	PCT			Yes No
	AM	WO 96/41286	19/12/1996	PCT			Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA	4,774,655	09/27/1988	Kollin et al.			
	BB	4,787,035	11/22/1988	Bourne			
	BC	4,799,156	01/17/1989	Shavit et al.			
	BD	4,815,029	03/21/1989	Barker et al.			
	BE	4,847,604	07/11/1989	Doyle et al.			
	BF	4,885,777	12/05/1989	Takaragi et al.			
	BG	4,901,223	02/13/1990	Rhyne			
	BH	4,912,303	03/27/1990	Danielson et al.			
	BI	4,926,325	05/15/1990	Benton et al.			
	BJ	4,942,532	07/17/1990	Mori			
	BK	4,942,552	07/17/1990	Merrill et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL						Yes No
	BM						Yes No
	BN						Yes No
	BO						Yes No
	BP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	BQ	2	"AT&T and NCR Offer Smart Card Upgrade Kits for Bank ATMs", AT&T News Release, November 17, 1993, (2 pages).
	BR	2	"The Smart Card Cashes In", The Economist, January 29, 1994, (2 pages).
	BS	2	"NCR 7450 Terminal Brings ATM-style Interface to Point-of-Sale", AT&T News Release, October 11, 1993, (4 pages).

EXAMINER	DATE CONSIDERED

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	CA	4,947,028	08/07/1990	Gorog			
	CB	4,949,248	08/14/1990	Caro			
	CC	4,962,531	10/09/1990	Sipman et al.			
	CD	4,965,742	10/23/1990	Skeirik			
	CE	4,972,463	11/20/1990	Danielson et al.			
	CF	5,014,221	05/07/1991	Mogul			
	CG	5,018,196	05/21/1991	Takaragi et al.			
	CH	5,021,949	06/04/1991	Morten et al.			
	CI	5,025,373	06/18/1991	Keyser, Jr. et al.			
	CJ	5,036,461	07/30/1991	Elliot et al.			
	CK	5,036,484	McCoy et al.	07/30/1991			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CL						Yes No
	CM						Yes No
	CN						Yes No
	CO						Yes No
	CP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	CQ	3	"Mastercard Smart Card Milestones", MasterCard International Press Office, March 5, 2001, (3 pages).
	CR	3	Svigals, Jerome, "Microchip Smart Cards Will Save Money", American Banker, February 2, 1994, (1 page).
	CS	3	Barthel, Matt, "Fears of Crime at ATMs are on the Rise", American Banker, March 30, 1994, (1 page).

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U.S. PATENT DOCUMENTS

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	DA	5,046,094	09/03/1991	Kawamura et al.			
	DB	5,047,923	09/10/1991	Elstner et al.			
	DC	5,083,262	01/21/1992	Haff, Jr.			
	DD	5,103,478	04/07/1992	Matyas et al.			
	DE	5,113,517	05/12/1992	Beard et al.			
	DF	5,119,465	06/02/1992	Jack et al.			
	DG	5,146,499	09/08/1992	Geffrotin			
	DH	5,146,553	09/08/1992	Noguchi et al.			
	DI	5,148,481	09/15/1992	Abraham et al.			
	DJ	5,149,945	09/22/1992	Johnson et al.			
	DK	5,161,222	11/03/1992	Monteio et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DL						Yes No
	DM						Yes No
	DN						Yes No
	DO						Yes No
	DP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	DQ	4	"Smart Card Forum Publication List", Smart Card Forum, March 2, 2001, (7 pages).
	DR	4	"Appendix: Major Electronic Purse Projects, By Country", Pages 35-50 and 52-64, Date Unknown (29 pages).
	DS	4	O'Kelly, Robin, "Mondex 'Global Electronic Cash' Wins Helsinki Award", September 8, 1996, (2 pages).

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U.S. PATENT DOCUMENTS

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	EA	5,179,690	01/12/1993	Ishikawa			
	EB	5,195,130	03/16/1993	Weiss et al.			
	EC	5,202,828	04/13/1993	Vertelney et al.			
	ED	5,204,947	04/20/1993	Bernstein et al.			
	EE	5,206,951	04/27/1993	Khoyi et al.			
	EF	5,212,369	05/18/1993	Karlisch et al.			
	EG	5,220,501	06/15/1993	Lawlor et al.			
	EH	5,220,380	06/15/1993	Hirata et al.			
	EI	5,239,662	08/24/1993	Danielson et al.			
	EJ	5,243,284	09/07/1993	Noll			
	EK	5,256,863	10/26/1993	Ferguson et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	EL						Yes No
	EM						Yes No
	EN						Yes No
	EO						Yes No
	EP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	EQ	5	"White Paper – The Euro in the Electronic Purse", April 2000, (5 pages).
	ER	5	"History of Gemplus", Gemplus, March 2, 2001, (3 pages).
	ES	5	Pauli, Ralf and Koponen, Risto, "Toward Electronic Money", Bank of Finland Bulletin, April 1997, (3 pages).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	FA	5,272,754	12/21/1993	Boerbert			
	FB	5,274,821	12/28/1993	Rouquie			
	FC	5,276,312	01/04/1994	McCarthy			
	FD	5,277,192	01/11/1994	Cumoulin			
	FE	5,278,955	01/11/1994	Forte et al.			
	FF	5,278,972	01/11/1994	Baker et al.			
	FG	5,294,782	03/15/1994	Kumar			
	FH	5,297,249	03/22/1994	Bernstein et al.			
	FI	5,307,411	04/26/1994	Anvret et al.			
	FJ	5,307,499	04/26/1994	Yin			
	FK	5,309,351	05/03/1994	McCain et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	FL						Yes No
	FM						Yes No
	FN						Yes No
	FO						Yes No
	FP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	FQ	6	"A Frequently Asked Questions List (FAQ) for alt.technology.smartcards", Estonian Institute of Cybernetics, July 4, 1995, (12 pages).
	FR	6	Husemann, Dirk, "The Smart Card: Don't Leave Home Without It", Institute of Electrical and Electronics Engineers, Inc., September 18, 2000, (9 pages).
	FS	6	"Report to the Council of The European Monetary Institute on Prepaid Cards", The Working Group on EU Payment Systems, May 1994, (12 pages).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	GA	5,321,806	06/14/1994	Meinerth et al.			
	GB	5,321,808	06/14/1994	Rupp			
	GC	5,347,580	09/13/1994	Molva et al.			
	GD	5,347,632	09/13/1994	Filepp et al.			
	GE	5,349,678	09/20/1994	Morris et al.			
	GF	5,351,296	09/27/1994	Sullivan			
	GG	5,367,572	11/22/1994	Weiss			
	GH	5,367,635	11/22/1994	Bauer et al.			
	GI	5,373,561	12/13/1994	Haber et al.			
	GJ	5,377,191	12/27/1994	Farrell et al.			
	GK	5,379,344	01/03/1995	Larsson et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	GL						Yes No
	GM						Yes No
	GN						Yes No
	GO						Yes No
	GP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	GQ	7	Banerjee, Ram, "Smart Card Standards and Electronic Purse, A Review Paper", Aston University, May 1997, (20 pages).
	GR	7	Townend, Robin C., "Finance: History, Development & Market Overview", The International Smart Card Industry Guide, 1995-1996, (23 pages).
	GS	7	Monod, Elsbeth Marikje, "Case Study: The Multi-Functional Smart Carte Sante", The International Smart Card Industry Guide, 1995-1996, (8 pages).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	HA	5,386,517	01/31/1995	Sheth et al.			
	HB	5,390,314	02/14/1995	Swanson			
	HC	5,418,908	05/23/1995	Keller et al.			
	HD	5,461,217	10/24/1995	Claus			
	HE	5,475,585	12/12/1995	Bush			
	HF	5,475,858	12/12/1995	Gupta et al.			
	HG	5,497,487	03/05/1996	Fortier			
	HH	5,499,343	03/12/1996	Pettus			
	HI	5,510,710	04/23/1996	Nauerth			
	HJ	5,511,122	04/23/1996	Atkinson			
	HK	5,517,569	05/14/1996	Clark			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	HL						Yes No
	HM						Yes No
	HN						Yes No
	HO						Yes No
	HP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	HQ	8	Smith, Jack, "Smart Card Industry Review 1995", Smart Card Monthly Newsletter, January 1996, (6 pages).
	HR	8	Crotch-Harvey, Trevor, "Smart Cards in Telecoms", The International Smart Card Industry Guide, 1995-1996, (14 pages).
	HS	8	Farmer, Donna and Tonnac, Remy de, "What's So Smart About Smart Cards", Gemplus, October 10, 2000, (1 page).

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	IA	5,521,980	05/28/1996	Brands			
	IB	5,526,037	06/11/1996	Cortjens et al.			
	IC	5,526,409	06/11/1996	Conrow et al.			
	ID	5,530,844	06/25/1996	Phillips et al.			
	IE	5,544,320	08/06/1996	Konrad			
	IF	5,544,161	08/06/1996	Bigham et al.			
	IG	5,544,246	08/06/1996	Mandelbaum et al.			
	IH	5,546,582	08/13/1996	Brockmeyer et al.			
	II	5,548,721	08/.20/1996	Denslow			
	IJ	5,550,561	08/27/1996	Ziarno			
	IK	5,550,984	08/27/1996	Gelb			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	IL						Yes No
	IM						Yes No
	IN						Yes No
	IO						Yes No
	IP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	IQ	<u>9</u>	"P401 Definition of a pan-European IC Card", Eurescom, March 5, 2001, (1 page).
	IR	<u>9</u>	"Innovonics, Inc. Selects AMP as Manufacturer for the PC Pay Module", Innovonics News Release, May 19, 1995, (3 pages).
	IS	<u>9</u>	Levy, Steven, "E-Money (That's What I Want)", Wired, December, 1994, (2 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	JA	5,552,586	09/03/1996	Kalman			
	JB	5,557,203	09/17/1996	Nauerth			
	JC	5,563,878	10/08/1996	Blakely et al.			
	JD	5,570,465	10/29/1996	Tsakanikas			
	JE	5,577,233	11/19/1996	Goettelmann			
	JF	5,581,478	12/03/1996	Cruse et al.			
	JG	5,581,686	12/03/1996	Koppolu et al.			
	JH	5,581,708	12/03/1996	Iijima			
	JI	5,583,940	12/10/1996	Vidrascu et al.			
	JJ	5,586,036	12/17/1996	Pinstov			
	JK	5,586,175	12/17/1996	Hogan et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	JL						Yes No
	JM						Yes No
	JN						Yes No
	JO						Yes No
	JP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	JQ	10	Fickenscher, Lisa, "Banc One Gears Up to Go National With Its Microchip Smart Cards", American Banker, January 27, 1994 (2 pages).
	JR	10	Strachman, Daniel and Kutler, Jeffrey, "Convention Goers See Bank Future in Smart Cards", American Banker, November 30, 1993, (1 page).
	JS	10	Meece, Mickey, "First Data Strengthens Position in Card Processing", American Banker, December 21, 1993, (1 page).

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	KA	5,590,038	12/31/1996	Pitroda			
	KB	5,590,181	12/31/1996	Hogan et al.			
	KC	5,590,196	12/31/1996	Moreau			
	KD	5,590,197	12/31/1996	Chen et al.			
	KE	5,590,199	12/31/1996	Krajewski, Jr. et al.			
	KF	5,594,910	01/14/1997	Filepp et al.			
	KG	5,602,905	02/11/1997	Mettke			
	KH	5,602,915	02/11/197	Campana et al.			
	KI	5,602,918	02/11/1997	Chen et al.			
	KJ	5,604,802	02/18/1997	Holloway			
	KK	5,606,493	02/25/1997	Duscher et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	KL						Yes No
	KM						Yes No
	KN						Yes No
	KO						Yes No
	KP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	KQ	11	Kutler, Jeffrey, "Prepaid Cards, Even in Concept Stage, Sparking Interest Among Consumers", American Banker, April 27, 1994, (1 page).
	KR	11	Kutler, Jeffrey, "Visa Starts Push for Smart Card to Replace Cash", American Banker, March 22, 1994, (2 pages).
	KS	11	"AT&T Introduces Enhanced Multimedia Interface for ATM Networks", AT&T News Release, May 4, 1994, (2 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	LA	5,613,012	03/18/1997	Hoffman et al.			
	LB	5,613,096	03/18/1997	Danknick			
	LC	5,615,251	03/25/1997	Hogan et al.			
	LD	5,623,547	04/22/1997	Jones et al.			
	LE	5,630,101	05/13/1997	Sieffert			
	LF	5,633,919	05/27/1997	Hogan et.al.			
	LG	5,638,430	06/10/1997	Hogan et al.			
	LH	5,640,193	06/17/1997	Wellner			
	LI	5,642,485	06/24/1997	Deaton et al.			
	LJ	5,649,114	07/15/1997	Deaton et al.			
	LK	5,649,118	07/15/1997	Carlisle et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	LL						Yes No
	LM						Yes No
	LN						Yes No
	LO						Yes No
	LP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	LQ	12	"Trendar and AT&T Test Contactless Smart Cards at Truck Stops", AT&T News Release, February 26, 1993, (3 pages).
	LR	12	"NCR Announces 5980 Signature Capture System for Retailers", AT&T News Release, September 30, 1991, (2 pages).
	LS	12	Merckling, Roger and Anderson, Anne, "Smart Card Introduction", March 1994, (16 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	MA	5,652,876	07/29/1997	Ashe et al.			
	MB	5,655,008	08/05/1997	Futch et al.			
	MC	5,664,110	09/02/1997	Green et al.			
	MD	5,666,412	09/09/1997	Handelman et al.			
	ME	5,668,878	09/16/1997	Brands			
	MF	5,677,953	10/14/1997	Dolphin			
	MG	5,677,955	10/14/1997	Doggett et al.			
	MH	5,678,002	10/14/1997	Fawcett			
	MI	5,679,945	10/21/1997	Renner et al.			
	MJ	5,687,322	11/11/1997	Deaton et al.			
	MK	5,689,799	11/18/1997	Dougherty et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	ML						Yes No
	MM						Yes No
	MN						Yes No
	MO						Yes No
	MP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	MQ	13	Merckling, Roger and Anderson, Anne, "DCE Smart Card Integration", March 1994, (16 pages).
	MR	13	"Chapter 2 – Technology", Smart Card Primer, The Schuler Consultancy, ©1993, pages 13-24 and 26-29, (16 pages).
	MS	13	"CP8® PRODUCTS, PASCAM, Network Security Processor", January 1994, (4 pages).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	NA	5,694,471	12/02/1997	Chen et al.			
	NB	5,694,546	12/02/1997	Reisman			
	NC	5,696,903	12/09/1997	Mahany			
	ND	5,703,795	12/30/1997	Mankovitz			
	NE	5,706,273	01/06/1998	Guerreri			
	NF	5,708,780	01/13/1998	Levergood et al.			
	NG	5,708,782	01/13/1998	Larson et al.			
	NH	5,708,825	01/13/1998	Sotomayor			
	NI	5,710,884	01/20/1998	Dedrick			
	NJ	5,715,314	02/03/1998	Payne et al.			
	NK	5,722,754	03/03/1998	Langner			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	NL						Yes No
	NM						Yes No
	NN						Yes No
	NO						Yes No
	NP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	NQ	14	"Notes on Open Networks and Device Addressing", IBM Corporation, April 25, 2001, (19 pages).
	NR	14	Chakrabarti, Samdih, Knight, James and Thies, Bill, "A Centralized Smart Card System Utilizing Distributed Proxies", 2000, University of Leeds, (16 pages).
	NS	14	"Single-Issuer Multiple Uses", Smart Card Primer, The Schuler Consultancy, ©1993, (3 pages).

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	OA	5,724,506	03/03/1998	Cleron et al.			
	OB	5,729,549	03/17/1998	Kostreski et al.			
	OC	5,732,219	03/24/1998	Blumer et al.			
	OD	5,734,720	03/31/1998	Salganicoff			
	OE	5,742,845	04/21/1998	Wagner			
	OF	5,742,931	04/21/1998	Spiegelhoff et al.			
	OG	5,748,908	05/05/1998	Yu			
	OH	5,754,655	05/19/1998	Hughes et al.			
	OI	5,756,978	05/26/1998	Soltesz et al.			
	OJ	5,758,257	05/26/1998	Herz et al.			
	OK	5,778,067	07/07/1998	Jones et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	OL						Yes No
	OM						Yes No
	ON						Yes No
	OO						Yes No
	OP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	OQ	15	Sazegar, Hossein, "The Impact of Smart Cards in the Global Payphone Business", Schlumberger Technologies, ©1992, (11 pages).
	OR	15	Derksen, Eduard, "Money-Bit: The Open Off-Host Prepaid Card System", Ascom Autelca, Ltd., Date Unknown, (10 pages).
	OS	15	Corzo, Gerardo, "Credisa's Elite Card System", Date Unknown, (5 pages).

EXAMINER	DATE CONSIDERED

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	PA	5,781,189	07/14/1998	Holleran et al.			
	PB	5,799,156	08/25/1998	Hogan et al.			
	PC	5,805,719	09/08/1998	Pare, Jr. et al.			
	PD	5,805,807	09/08/1998	Hanson et al.			
	PE	5,809,415	09/15/1998	Rossmann			
	PF	5,815,577	09/29/1998	Clark			
	PG	5,815,657	09/29/1998	Williams et al.			
	PH	5,819,092	10/06/1998	Ferguson et al.			
	PI	5,826,245	10/20/1998	Sandberg-Diment			
	PJ	5,838,906	11/17/1998	Doyle et al.			
	PK	5,850,442	12/15/1998	Muftic			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	PL						Yes No
	PM						Yes No
	PN						Yes No
	PO						Yes No
	PP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	PQ	16	Cordonnier, Vincent M., "Assessing the Future of Smart Cards", Cardtech, Date Unknown, (7 pages).
	PR	16	"NatWest Launch Mondex Global Electronic Cash", Smart Card News, Ltd., December 1993, (7 pages).
	PS	16	Merkert, Sr., Robert J., "Stored Value Cards and The Electronic Purse: Developments in the Americas", Danyl Corporation, ©1995, (8 pages).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	QA	5,851,149	12/22/1998	Xidos et al.			
	QB	5,854,833	12/29/1998	Hogan et al.			
	QC	5,867,821	02/02/1999	Ballantyne et al.			
	QD	Re. 36,310	09/21/1999	Bjerrum et al.			
	QE	5,870,552	02/09/1999	Dozier et al.			
	QF	5,870,724	02/09/1999	Lawlor et al.			
	QG	5,873,099	02/16/1999	Hogan et al.			
	QH	5,884,292	03/16/1999	Baker et al.			
	QI	5,889,863	03/30/1999	Weber			
	QJ	5,931,917	08/03/1999	Nguyen et al.			
	QK	5,933,816	08/03/1999	Zeanah et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	QL						Yes No
	QM						Yes No
	QN						Yes No
	QO						Yes No
	QP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	QQ	17	"CP8® Products, PinPadLINK, Readers/Encoders", Dactyl France, June 1993, (2 pages).
	QR	17	"Smart Security", Byte Talk, February, 1994, (2 pages).
	QS	17	Verschuren, Ton, "Smart Access: Strong Authentication on the Web", April 24, 2001, (10 pages).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	RA	5,953,731	09/14/1999	Glaser			
	RB	5,960,216	09/28/1999	Vishlitzky et al.			
	RC	5,963,205	10/05/1999	Sotomayor			
	RD	5,973,731	10/26/1999	Schwab			
	RE	5,978,569	11/02/1999	Traeger			
	RF	5,978,773	11/02/1999	Hudetz et al.			
	RG	5,982,891	11/09/1999	Ginter et al.			
	RH	5,983,004	11/09/1999	Shaw et al.			
	RI	5,987,312	11/16/1999	Dekker			
	RJ	5,996,076	11/30/1999	Rowney et al.			
	RK	6,085,224	07/04/2000	Wagner			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	RL						Yes No
	RM						Yes No
	RN						Yes No
	RO						Yes No
	RP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	RQ	18	"PKCS #11: New Member of Public Key Cyrptography", RSA Data Security, Inc., January 12, 1994, (2 pages).
	RR	18	Petri, Steve, "An Introduction to Smarcards", Litronic, Inc., ©1998, (2 pages).
	RS	18	Violino, Bob, "The Cashless Society", InformationWeek, October 11, 1993, (5 pages).

EXAMINER	DATE CONSIDERED

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	SA	6,112,191	08/29/2000	Burke			
	SB	6,175,922 B1	01/16/2001	Wang			
	SC	6,182,052	01/30/2001	Fulton et al.			
	SD	6,205,437	03/20/2001	Gifford			
	SE	6,208,904	03/27/2001	Mullen, Jr.			
	SF	6,212,575 B1	04/03/2001	Cleron et al.			
	SG	6,226,744 B1	05/01/2001	Murphy et al.			
	SH	6,226,752 B1	05/01/2001	Gupta et al.			
	SI	6,253,027 B1	06/26/2001	Weber et al.			
	SJ	6,275,869	08/14/2001	Sieffert et al.			
	SK	6,279,112 B1	08/21/2001	O'Toole, Jr., et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	SL						Yes No
	SM						Yes No
	SN						Yes No
	SO						Yes No
	SP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	SQ	19	Merkert, Sr., Robert J., 'Keynote Presentation for the AIC Conference, Auckland, New Zealand', Danyl Corporation, ©1995, (4 pages).
	SR	19	"Videoway's Experience Shows a New Approach to the Interactive Opportunity", Inside Cable and Telecom Services, June 1995, (3 pages).
	SS	19	Bull CP8® News, Products and Technologies, No. 22, October 1994, (2 pages).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	TA	6,282,656 B1	08/28/2001	Wang			
	TB	6,283,375	09/04/2001	Wilz, Sr. et al.			
	TC	6,470,326 B1	10/22/2002	Drummond et al.			
	TD	6,505,177 B1	01/07/2003	Drummond et al.			
	TE	6,539,361 B1	03/25/2003	Richards et al.			
	TF						
	TG						
	TH						
	TI						
	TJ						
	TK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	TL						Yes No
	TM						Yes No
	TN						Yes No
	TO						Yes No
	TP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	TQ	20	Bull CP8® Systems Product Sheet, September 1994, (2 pages).
	TR	20	"One Store's Comprehensive Loyalty Program – The Takashimaya Experience", Verifone, Inc., ©1994, (4 pages).
	TS	20	"Mondex Payments Scheme", Smart Card News Ltd., December 1993, (2 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	UA						
	UB						
	UC						
	UD						
	UE						
	UF						
	UG						
	UH						
	UI						
	UJ						
	UK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	UL						Yes No
	UM						Yes No
	UN						Yes No
	UO						Yes No
	UP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	UQ	221	"Why Consumers Are Still Carrying Cash Everywhere", Philadelphia Inquirer, June 11, 1995, (2 pages).
	UR	221	"Electronic Payment System Architecture for Point of Sale Application", IBM Technical Disclosure Bulletin, January 1992, (1 page).
	US	221	"Portable Self Checkout Retail System", IBM Technical Disclosure Bulletin, June 1992, (3 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	VA						
	VB						
	VC						
	VD						
	VE						
	VF						
	VG						
	VH						
	VI						
	VJ						
	VK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	VL						Yes No
	VM						Yes No
	VN						Yes No
	VO						Yes No
	VP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	VQ	22	"Transaction Completion Code Based on Digital Signatures", IBM Technical Disclosure Bulletin, August 1985, (6 pages).
	VR	22	"Chapter 4 – Uses", Smart Card Primer, The Schuler Consultancy, ©1993, pages 57-66, 80-83, and 87-91, (19 pages).
	VS	22	Figure 8.5 from page 151 of Zoreda & Oton "Smart Cards", Artech House, ©1994, (1 page).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WA						
	WB						
	WC						
	WD						
	WE						
	WF						
	WG						
	WH						
	WI						
	WJ						
	WK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	WL						Yes No
	WM						Yes No
	WN						Yes No
	WO						Yes No
	WP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	WQ	23	"Internet Music Library Process", Date Unknown, (1 page).
	WR	23	Bibliography for "CITM Working Paper WP-95-1005: Designing Electronic Catalogs for Business Value: Results from the CommerceNet Pilot", Date Unknown, (3 pages).
	WS	23	Van Hove, Leo, Bibliography on Electronic Purses, Date Unknown, (4 pages).

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	XA						
	XB						
	XC						
	XD						
	XE						
	XF						
	XG						
	XH						
	XI						
	XJ						
	XK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	XL						Yes No
	XM						Yes No
	XN						Yes No
	XO						Yes No
	XP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	XQ	24	Bibliography for "CITM Working Paper WP-95-1006: Financial EDI Over the Internet: A Case Study", Date Unknown, (5 pages).
	XR	24	Bibliography for Hawkes, P.L., Davies, Donald W., and Price, W.L., "Integrated Circuit Cards, Tags, and Tokens: New Technology and Applications", Oxford; Boston: BSP Professional, ©1990, (1 page).
	XS	24	Bibliography for Devargas, M., "Smart Cards and Memory Cards", Oxford; Blackwell NCC, ©1992, (1 page).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	YA						
	YB						
	YC						
	YD						
	YE						
	YF						
	YG						
	YH						
	YI						
	YJ						
	YK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	YL						Yes No
	YM						Yes No
	YN						Yes No
	YO						Yes No
	YP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	YQ	25	Bibliography for Svigals, Jerome, "Smart Cards: The New Bank Cards", New York: Macmillan; London: Collier Macmillan Publishers, ©1987, (1 page).
	YR	25	Bibliography for Bright, Roy, "Smart Cards: Principles, Practice, Applications", Chichester [England]: Ellis Horwood; New York: Halsted Press, ©1988, (1 page).
	YS	25	Bibliography for Svigals, Jerome, "Smart Cards: The Ultimate Personal Computer", New York: Macmillan Publishing Co.; London: Collier Macmillan, ©1985, (1 page).

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	ZA						
	ZB						
	ZC						
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	ZE						
	ZF						
	ZG						
	ZH						
	ZI						
	ZJ						
	ZK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	ZL						Yes No
	ZM						Yes No
	ZN						Yes No
	ZO						Yes No
	ZP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	ZQ	26	Bibliography for "Applications of Computer Card Technology", Washington, D.C., U.S. Dept. of Labor, Office of the Inspector General, [1990], (1 page).
	ZR	26	German article entitled "Erfahrungen Mit Einer Hochsicheren, Multifunktionalen Chipkarte fur Bankenanwendungen" Date Unknown, (21 pages).
	ZS	26	Document entitled: "Dialog Search for U.S. Patent Number 5,905,908", Date Unknown", (59 pages).

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	AAA						
	AAB						
	AAC						
	AAD						
	AAE						
	AAF						
	AAG						
	AAH						
	AAI						
	AAJ						
	AAK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAL						Yes No
	AAM						Yes No
	AAN						Yes No
	AAO						Yes No
	AAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAQ	27	UBI Consortium Inc. Document, March 26, 2001 (2 pages).
	AAR	27	HTML file entitled: "The Common Gateway Interface", available at httpd@ncsa.uiuc.edu, circa, June 1995.
	AAS	27	HTML file entitled: "Critique of Secure-HTTP", available at shttp://www.spyglass.com/secure, April 19, 1995.

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	BBA						
	BBB						
	BBC						
	BBD						
	BBE						
	BBF						
	BBG						
	BBH						
	BBI						
	BBJ						
	BBK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BBL						Yes No
	BBM						Yes No
	BBN						Yes No
	BBO						Yes No
	BBP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	BBQ	28	Directory of abstracts of HTML files available from IEFT Secretariat - Corporation for National Research Initiatives; circa, June 1995.
	BBR	28	HTML file entitled: "A Beginner's Guide to HTML" available from National Center for Supercomputing Applications/pubs@ncsa.uiuc.edu; circa, June 1995.
	BBS	28	Memo entitled: "Uniform Resource Locators (URL)", by URI working group of the Internet Engineering Task Force; December 1994.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	CCA						
	CCB						
	CCC						
	CCD						
	CCE						
	CCF						
	CCG						
	CCH						
	CCI						
	CCJ						
	CCK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CCL						Yes No
	CCM						Yes No
	CCN						Yes No
	CCO						Yes No
	CCP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	CCQ	29	Press release entitled: "VeriFone to acquire Enterprise Integration Technologies (EIT), Internet Commerce Software and Services Leader", VeriFone, Inc. and Enterprise Integration Technologies; Redwood, California; August 21, 1995.
	CCR	29	Spyglass white paper entitled: "Electronic Commerce Standards for the WWW"; Spyglass, Inc. http://spyglass.com; August 21, 1995.
	CCS	29	Memo entitled: "The Secure Hypertext Transfer Protocol"; E. Rescorla and A. Schiffman; July 1995.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	DDA						
	DDB						
	DDC						
	DDD						
	DDE						
	DDF						
	DDG						
	DDH						
	DDI						
	DDJ						
	DDK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DDL						Yes No
	DDM						Yes No
	DDN						Yes No
	DDO						Yes No
	DDP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	DDQ	30	Article entitled: "Cash on the Wirehead", Andrew Singleton, BYTE Magazine, June 1995.
	DDR	30	"Beyond the Web: Excavating the Real World Via Mosaic", Goldberg et al., 2nd International WWW Conference.
	DDS	30	"Magnetic Resonance Angiography", Radiology 1986; 161, p. 717-720, Dumoulin et al.

EXAMINER	DATE CONSIDERED

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	EEA						
	EEB						
	EEC						
	EED						
	EEE						
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	EEH						
	EEI						
	EEJ						
	EEK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	EEL						Yes No
	EEM						Yes No
	EEN						Yes No
	EEO						Yes No
	EEP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	EEQ	31	"Velocity and Diffusion Imaging in Dynamic NMR Microscopy", JMR 91, p. 326-352, 1991, Callaghan et al.
	EER	31	"Reduced Circular Field-of-View Imaging", MRM 40:474-480, 1998, Scheffler et al.
	EES	31	"Measurement of Flow Using Back Projection Reconstruction: Display of Limited Regions of the Body", Young et al.

EXAMINER	DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	FFA						
	FFB						
	FFC						
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	FFE						
	FFF						
	FFG						
	FFH						
	FFI						
	FFJ						
	FFK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	FFL						Yes No
	FFM	)					Yes No
	FFN						Yes No
	FFO						Yes No
	FFP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	FFQ	32	Salsman, James P., "Form-based Device Input and Upload in HTML", available at http://www.w3.org/1999/07/NOTE-device-upload-19990706, Cisco Systems, © 1999, July 6, 1999 (9 pages).
	FFR	32	Memo entitled: "Form-based File Upload in HTML", E. Nebel and L. Masinter, Network Working Group of Xerox Corporation, November 1995 (12 pages).
	FFS	32	HTML file entitled: "HTML 3.0 Draft (Expired!) Materials", available at http://www.w3.org/MarkUp/html3, December 21, 1995 (4 pages).

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	GGA						
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	GGK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	GGL						Yes No
	GGM						Yes No
	GGN						Yes No
	GGO						Yes No
	GGP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	GGQ	33	Berners-Lee, T. and Connolly, D., HTML file entitled: "HyperText Markup Language Specification --2.0", available available at http://www.w3.org/MarkUp/html-spec., November 1995 (10 pages).
	GGR	33	Raggett, David, HTML file entitled: "A Review of the HTML + Document Format", Hewlett Packard Laboratories, date unknown (13 pages).
	GGS	33	Raggett, David, HTML file entitled: "10-Fill-out Forms and Input Fields", available at http://www.w3.org/MarkUp HTMLPlus/htmlplus_41.html, November 8, 1993 (5 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	HHA						
	HHB						
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	HHK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	HHL						Yes No
	HHM						Yes No
	HHN						Yes No
	HHO						Yes No
	HHP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	HHQ	34	Raggett, David, HTML File entitled: "ISO 8879:1986", available at http://www.w3.org/MarkUp/htmlplus_paper/htmlplus.dtd, April 5, 1994 (17 pages).
	HHR	34	Riordan, T., "A Toll Collector on the Information Highway", *The New York Times,* Sunday, August 22, 1993, (3 pages).
	HHS	34	Burchard et al., "Compound Documents in HTML", Internet Draft Memo, Date Unknown, (14 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	IIA						
	IIB						
	IIC						
	IID						
	IIE						
	IIF						
	IIG						
	IIH)						
	III						
	IIJ						
	IIK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	IIL						Yes No
	IIM						Yes No
	IIN						Yes No
	IIO						Yes No
	IIP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	IIQ	35	Press Release, "Netscape Introduces Netscape Navigator 2.0", Netscape Company Press Relations, September 18, 1995, (3 pages).
	IIR	35	Stabell, B., "The EMBED Tag by Netscape (v2.0), September 19, 1995, (9 pages).
	IIS	35	Article entitled, "Eolas Sues Microsoft for Infringement of Patent for Fundamental Web Browser Technology That Makes "Plug-Ins" and "Applets" Possible", Chicago, Illinois, February 2, 1999, (2 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	JJA						
	JJB						
	JJC						
	JJD						
	JJE						
	JJF						
	JJG						
	JHI						
	JJH						
	JJJ						
	JJK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	JJL						Yes No
	JJM						Yes No
	JJN						Yes No
	JJO						Yes No
	JJP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	JJQ	36	Sottong, S., "Quick HTML Basics", Date Unknown, (12 pages).
	JJR	36	Ang et al., "Integrated Control of Distributed Volume Visualization Through the World-Wide-Web", October 30, 2001, (8 pages).
	JJS	36	Krajewski, Jr., et al., "Applicability of Smart Cards to Network User Authentication", *Computing Systems*, Vol. 7, No. 1, Winter 1994, (15 pages).

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	KKA						
	KKB						
	KKC						
	KKD						
	KKE						
	KKF						
	KKG						
	KKH						
	KKI						
	KKJ						
	KKK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	KKL						Yes No
	KKM						Yes No
	KKN						Yes No
	KKO						Yes No
	KKP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	KKQ	37	"Financial Institution Sign-On Authentication for Wholesale Financial Transactions", American National Standards Institute, X9.26, February 28, 1990, (35 pages).
	KKR	37	Kohl et al., "The Evoluation of *Kerberos* Authentication Service", Date Unknown, (15 pages).
	KKS	37	Cordonnier et al., "Time as an Aid to Improving Security in Smart Cards", Date Unknown, (14 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	LLA						
	LLB						
	LLC						
	LLD						
	LLE						
	LLF						
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	LLH						
	LLI						
	LLJ						
	LLK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	LLL						Yes No
	LLM						Yes No
	LLN						Yes No
	LLO						Yes No
	LLP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	LLQ	38	Cordonnier et al., "The Concept of Suspicion: A New Security Model for Identification Management in Smart Cards", Date Unknown, (14 pages).
	LLR	38	Haykin et al., "Computer Science and Technology – Smart Card Technology: New Methods for Computer Access Control", U.S. Department of Commerce, National Technical Information Service, September 1998, (55 pages).
	LLS	38	Rescorla et al., "The Secure HyperText Transfer Protocol", Internet Draft Memo, December 1994, (29 pages).

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	MMA						
	MMB						
	MMC						
	MMD						
	MME						
	MMF						
	MMG						
	MMH						
	MMI						
	MMJ						
	MMK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	MML						Yes No
	MMM						Yes No
	MMN						Yes No
	MMO						Yes No
	MMP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	MMQ	39	Takei, D., "Videotex Information System and Credit System Connecting with MARS-301 of JNR", *Japanese Railway Engineering*, No. 95, September 1985, (5 pages).
	MMR	39	Pongratz et al., "IC Cards in Videotex Systems", *Smart Card 2000: The Future of IC Cards"*, International Conference, October 19-20, 1987, (9 pages).
	MMS	39	Neuman, B.C., "Security, Payment, and Privacy for Network Commerce", *IEEE Journal on Selected Areas in Communication"*, Vol. 13, No. 8, October 1995, (8 pages).

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	NNA						
	NNB						
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	NNH						
	NNI						
	NNJ						
	NNK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	NNL						Yes No
	NNM						Yes No
	NNN						Yes No
	NNO						Yes No
	NNP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	NNQ	40	Zilles, S.N., "Catalog-Based Order Entry System", IBM Technical Disclosure Bulletin, Vol. 25, No. 11B, April 1983, (3 pages).
	NNR	40	Article entitled, "PKCS #11: New Member of Public Key Cryptography", available online at http://www.rsasecurity.com/news/pr/940112-1.html., January 12, 1994, (12 pages).
	NNS	40	Kessler, J., "The French Minitel: Is There Life Outside of the 'US ASCII' Internet? A Challenge of Convergence", D-Lib Magazine, December 1995, (10 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	OOA						
	OOB						
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	OOK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	OOL						Yes No
	OOM						Yes No
	OON						Yes No
	OOO						Yes No
	OOP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	OOQ	41	Schöter et al., "Digital Money Online, A Review of Some Existing Technologies", Intertrader Ltd., ©February 1997, (60 pages).
	OOR	41	Sutherland, E., "The Quickening Pace of Technology", ©1995, (3 pages).
	OOS	41	Article entitled "NetBill: An Internet Commerce System Optimized for Network Delivered Services", Date Unknown, (9 pages).

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	PPA						
	PPB						
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	PPK[1]						

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	PPL						Yes No
	PPM						Yes No
	PPN						Yes No
	PPO						Yes No
	PPP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	PPQ	42	Reagle, Jr., et al., expanded bibliography for "Papers Describing the Operation of Electronic Commerce Protocols", Date Unknown, (3 pages).
	PPR	42	Article entitled "ISO/IEC 7816 Part 4: Interindustry Command for Interchange", November 26, 1998, (77 pages).
	PPS	42	1991 Statement on Role of NIST, available online at http://csrc.nist.gov/publications/nistbul/cs191-02.txt, June 17, 1992, (38 pages).

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	QQA						
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	QQK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	QQL						Yes No
	QQM						Yes No
	QQN						Yes No
	QQO						Yes No
	QQP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	QQQ	43	Kirkman, P., "Electronic Funds Transfer Systems: The Revolution in Cashless Banking and Payment Methods", ©1987, (14 pages).
	QQR	43	Fancher, C., "Smart Cards: As Potential Applications Grow, Computers in the Wallet are Making Unobtrusive Inroads", *Scientific American*, Date Unknown, (10 pages).
	QQS	43	Walsh, E., "Smart Card Standards", Datapro Information Services, August 25, 2000, (10 pages).

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	RRA						
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	RRH						
	RRI						
	RRJ						
	RRK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	RRL						Yes No
	RRM						Yes No
	RRN						Yes No
	RRO						Yes No
	RRP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	RRQ	44	Article entitled "The Birth of Smart Cards: 1980", Le Courier de la Monétique, Date Unknown, (2 pages).
	RRR	44	Article entitled "The Birth of Smart Cards: 1981", Le Courier de la Monétique, Date Unknown, (3 pages).
	RRS	44	Article entitled "The Birth of Smart Cards: 1982", Le Courier de la Monétique, Date Unknown, (2 pages).

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	SSA						
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	SSSI						
	SSJ						
	SSK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	SSL						Yes No
	SSM						Yes No
	SSN						Yes No
	SSO						Yes No
	SSP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	SSQ	45	Article entitled "The Birth of Smart Cards: 1983", Le Courier de la Monétique, Date Unknown, (2 pages).
	SSR	45	Article entitled "The Birth of Smart Cards: 1984", Le Courier de la Monétique, Date Unknown, (3 pages).
	SSS	45	Article entitled "The Birth of Smart Cards: 1985", Le Courier de la Monétique, Date Unknown, (2 pages).

EXAMINER	DATE CONSIDERED

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	TTA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	TTL						Yes No
	TTM						Yes No
	TTN						Yes No
	TTO						Yes No
	TTP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	TTQ	46	Article entitled "The Birth of Smart Cards: 1986", Le Courier de la Monétique, Date Unknown, (2 pages).
	TTR	46	Article entitled "The Birth of Smart Cards: 1987", Le Courier de la Monétique, Date Unknown, (2 pages).
	TTS	46	Article entitled "The Birth of Smart Cards: 1988", Le Courier de la Monétique, Date Unknown, (2 pages).

EXAMINER	DATE CONSIDERED

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				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	UUA						
	UUB						
	UUC						
	UUD						
	UUE						
	UUF						
	UUG						
	UUH						
	UUI						
	UUJ						
	UUK						

				FOREIGN PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	UUL						Yes No
	UUM						Yes No
	UUN						Yes No
	UUO						Yes No
	UUP						Yes No

			OTHER (Including Author, Title, Date, Pertinent Pages, etc.)
	UUQ	47	Article entitled "The Birth of Smart Cards: 1989", Le Courier de la Monétique, Date Unknown, (2 pages).
	UUR	47	Doyle, M., University of California, San Diego, Office of Continuing Medical Education, Disclosure Statement, November 30, 1993, (10 pages).
	UUS	47	Article entitled "Workshop on Network and Distributed System Security", Privacy and Research Group, February 11-12, 1993, (5 pages).

EXAMINER	DATE CONSIDERED

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	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	VVA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	VVL						Yes No
	VVM						Yes No
	VVN						Yes No
	VVO						Yes No
\	VVP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	VVQ	48	Krajewski, Jr., M., "Concept for a Smart Card Kerberos", January 22, 2002, (8 pages).
	VVR	48	Kohl et al., "The Kerberos Network Authentication Service (V5)", September 1993, (103 pages).
	VVS	48	Nebel, E., "File Upload in HTML Forms", September 23, 1994, (4 pages).

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	WWA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	WWL						Yes No
	WWM						Yes No
	WWN						Yes No
	WWO						Yes No
	WWP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	WWQ	49	Raggett, D., E-mail memo entitled "Re: Request for New Forms Submission Consensus", October 12, 1993, (4 pages).
	WWR	49	Gaskell et al., "Improved Security for Smart Card Use in DCE", February 1995, (17 pages).
	WWS	49	Pato, J., "Using Pre-Authentication to Avoid Password Guessing Attacks", June 1993, (5 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	XXL						Yes No
	XXM						Yes No
	XXN						Yes No
	XXO						Yes No
	XXP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	XXQ	50	Shipplett, M., E-mail memo entitled "Re: Insecure WWW Access Authorization Protocol?", March 7, 1994, (3 pages).
	XXR	50	"Financial Transaction Card Originated Messages – Interchange Message Specifications", International Standard, Second Edition, December 15, 1993, (128 pages).
	XXS	50	Various articles on the subject "1994 NIST Guideline for Advanced Authentication (Smart Cards)", Date Unknow, (73 pages).

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	YYL						Yes No
	YYM						Yes No
	YYN						Yes No
	YYO						Yes No
	YYP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	YYQ	51	Allen et al., "Smart Cards: Seizing Strategic Business Opportunities", The Smart Card Forum, ©1997 The McGraw-Hill Companies, (323 pages).
	YYR	51	Fielding et al., "Hypertext Transfer Protocol – HTTP/1.1", January 1997, (162 pages).
	YYS	51	Branwyn, G., "M·O·S·A·I·C Quick Tour for Windows: Accessing & Navigating the Internet's World Wide Web", ©1994 Ventana Press, Inc., (215 pages).

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	ZZL						Yes No
	ZZM						Yes No
	ZZN						Yes No
	ZZO						Yes No
	ZZP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	ZZQ	52	Shelly et al., "Netscape Navigator: An Introduction", ©1996 Boyd & Fraser Publishing Company, (138 pages)
	ZZR	52	James, P., "Official Netscape Navigator 2.0 Book: Windows Edition", ©1996, Ventana Press, Inc., (692 pages).
	ZZS	52	Article entitled "A Smart Card for On-Line Home Services", ChipCord News, Issue No. 32, July 1990, (2 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Bosak et al., "XML and the Second Generation Web", *Scientific American*, May 1999, (5 pages).
	AAAR	53	Beners-Lee et al., "RFC1866-Hypertext Markup Language-2.0", November 1995, (58 pages).
	AAAS	53	Burchard et al., "Compound Documents in HTML", Internet Draft Memo, Date unknown, (14 pages).

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	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Press Release, "Netscape Introduces Netscape Navigator 2.0", Netscape Company Press Relations, September 18, 1995, (3 pages).
	AAAR	53	Hansen, Wilfred J., "Enhancing Documents with Embedded Programs: How Ness Extends Insets in the Andrew ToolKit", IEEE 1990, pp. 23-32, (10 pages).
	AAAS	53	Tani, M., Yamaashi,K., Tanikoshi, K., Futakawa, M. and Tanufuji, S., "Object-Oriented Video: Interaction with Real-World Objects Through Live Video", ACM 1992, pp. 593-598, (6pages).

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	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AAAQ	53	Crowley, T. Milazzo, P., Baker, Forsdick, H. and Tomlinson, R., "MMConf: An Infrastructure for Building Shared Multimedia Applications", ACM 1990, pp. 329-342 (14 pages).
	AAAR	53	Davis, H., W., Heath, I., Hill, G. and Wilkins, R., "Towards an Integrated Information Environment with Open Hypermedia Systems", ACM 1992, pp. 181-191, (10 pages).
	AAAS	53	Ferrara, Fabrizio, M., "The KIM Query System: An Iconic Interface for the Unified Access to Distributed Multimedia Databases", SIGGHI Bulletin 1994, Vol. 26, No. 3, pp.30-39, (10 pages).

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	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AAAQ	53	Gibbs, Simon, "Composite Multimedia and Active Objects", OOPSLA 1991, pp. 97-112, (16 pages).
	AAAR	53	Davis, H. Hall, W., Pickering, A. and Wilkins, R., "Microcosm: An Open Hypermedia System", ACM, 1993, (1 page).
	AAAS	53	Cullen, J., Day, B. and Planes, M., "The Use of FTAM to Access Graphical Pictures Across Wide Area Networks", Elsevier Science Publishers B.V. 1992, pp. 377-383, (19 pages)

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	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Vaziri, Arsi, "Scientific Visualization in High-Speed Network Environments", Elsevier Science Publishers B.V. 1991, pp.111-129, (19 pages).
	AAAR	53	Lashkari, Y., Rao, S., Mhaskar,V. and Shelat, A., "PLX: A Proposal to Implement a General Broadcasting Facility in a Distributed Environment Running X Windows", Comput. & Graphics, Vol. 16, No. 2, 1992, pp. 143-149, (7 pages).
	AAAS	53	Kirste, Thomas, "SpacePicture-An Interactive Hypermedia Satellite Image Archival System", Comput. & Graphics, Vol. 17, No. 3, 1993, pp. 251-260, (10 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AAAQ	53	Coulson, G., Blair, G., Davis, N. and Williams, N. "Extensions to ANSA for Multimedia Computing", Elsevier Science Publishers B.V. 1992, pp. 305-322, (18 pages).
	AAAR	53	Le Huynh, D., Jensen, M., Larsen, R., Southard, J., and Wang, F., "PIX: An Object-Oriented Network Graphics Environment", Comput. & Graphics, Vol. 17, No. 3, 1993, pp.295-304, (10 pages).
	AAAS	53	Berners-Lee, T.J., Cailliau, R., and Ggroff, J., "The World-Wide Web", Elsevier Science Publishers B.V. 1992, pp. 454-459, (6 pages).

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	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Shackleford, D., Smith, J. and Sith, F. "The Architecture and Implementation of a Distributed Hypermedia Storage System", Nov., 1993, pp. 1-13, (13 pages).
	AAAR	53	Labriola, Don, "Whiteboard Software: Remote Possibilities", PC Magazine, June 14, 1994, pp. 223-224, (2pages).
	AAAS	53	"How We Evaluate the Whiteboard Software". PC Magazine, June 14, 1994, pp. 225-228, (4pages).

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	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Udell, John, "Visual Basic Custom Controls Meet OLE", BYTE, March 1994, pp. 197-198 and 200, (3pages).
	AAAR	53	Sarna, D. and Febish, G., "OLE Gains Without (Much) Pain", DATAMATION, June 15, 1994, pp. 31, (1page).
	AAAS	53	Scrupski, Susan, "Outsourcing: It Could be Good", DATAMATION, June 15, 1994, pp. 32-33 and 114, (3pages).

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	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Rizzo, John, "What's OpenDoc?", MacUser, April 1994, pp. 119-123, (3 pages).
	AAAR	53	Cello Browser Release 1.01a ftp:law.cornell.edu/pub/L11/cello, March 16, 1994, (8 pages).
	AAAS	53	"Why Jim Clark Loves Mosaic", Wired, October 1994, pp. 118-121, 150-151 and 157, (7 pages).

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	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Marovac, N. and Obburn, L., "Hypernet: A Tool to Choreograph Worldwide Distributed Hypermedia Documents", Comput. & Graphics, Vol. 16, No.2, 1992, pp.197-202, (6pages).
	AAAR	53	Moeller, M. and Leach, N., "Microsoft Maps New OCX Plan: ActiveX seen as Web Content Platform", PC Week, March 11, 1996, Vol. 13, No. 10, pp. 1-2, (2 pages).
	AAAS	53	"OLE 2.0: Death to Monoliths?", BYTE, March 1994, pp. 121-122, (2 pages).

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	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	"Netscape Communications Offers New Network Navigator Free on the Internet", http://home.netscape.com/newsref/pr/newsrelease1.html , January 29,1998.
	AAAR	53	Sackman, Gleason, "Remote Tele-Excavation via the Web", Tele-robotics, Vol. 11, Issue 9, (1 page).
	AAAS	53	Wolf, Gary, "The (Second Phase of) the Revolution has Begun", WIRED, October 1994, pp. 16-17, (2 pages).

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	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Wynne, B. and Marovac, N., "Lean Management, Group Support Systems and Hypermedia: A Combination Whose Time Has Come", IEEE, 1993, pp. 112-121, (10 pages).
	AAAR	53	Moran, Patrick J., "Tele-Nicer-Slicer-Dicer: A New Tool for the Visualization of Large Volumetric Data", Biomedical Imaging Group, pp. 1-7, (7 pages).
	AAAS	53	Hansen, W. and Consortium, A. "Andrew as a Multiple Enviroment for Visual Languages", IEEE, 193, pp. 256-260, (5 pages).

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	APPLICANT: Richard H. Wagner	
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U.S. PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Doyle, M., "The Virtual Embryo: VR Applications in Human Development Anatomy, January 27, 1994, pp. 1-9, (9 pages).
	AAAR	53	Doyle, M., "A Knowledge Management Enviroment through the World Wide Web", 01/07/1994
	AAAS	53	Oliver, D. et al., "Netscape™ Unleashed"

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	AAAQ	53	Ang, C., Martin, D. and Doyle, M., "Integrated Control of Distributed Volume Visualization Through the World-Wide Web", 1994, pp. 1-10 (10 pages).
	AAAR	53	Hume, Tom, "WAP: Where we've come from, where we are, where we're going" Available online at http://www.tomhume.org/stories/2002/02/04wapWhereWeveComeFromWhereWeAreW..., (18 pagers)
	AAAS	53	Goldman, Chris, "Browsing for Perfection", ARC Group in the Press, February 1, 2001, Available online at http://www.arcgroup.com/homepage.nsf/PRSARC/ar010201, (4 pages).

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	AAAQ	53	"Handheld Devices Markup Language (HDML) specifications", April 11, 1997, Available on line at http://www.w3.org/TR/hdm120-3.html through http://www.w3.org/TR/hdm120-9.html, (33 pages).
	AAAR	53	Hinden, R., "Simple Internet Protocol Plus White Paper", Network Working Group, October 1994, Available online at ftp://ftp.rfc-editor.org/innotes/rfc 1710.txt, (22 pages).
	AAAS	53	McCarthy, Vance, "Novell to llink wireless laptops, PDA's to LANs (portable computers, personal digital assistants, local area networks)" InfoWorld, September 13, 1993, v15 n37 pq, (2 pages).

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	AAAQ	53	Schwartz, Barry K. and Stephen B. Weinstein, "Dual-Media Messaging Using Screen Telephones on the Telephone Network", Bell Communications Research, IEEE 1993, pp. 1183-1188, (6 pages).
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	AAAS	53	Klemets, Anders, Gerald Q. Maguire, Frank Reichert, and Mark T. Smith, "MINT-A Mobile Internet Router", ILEE 1993, pp.70-74, (5 pages).

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	AAAQ	53	Perkins, Charles E. and Pravin Bhagwat, "A Mobile Networking System based on Internet Protocol"{, IEEE Personal Communications, First Quarter 1994, pp. 32-41, (10 pages).
	AAAR	53	Connolly, T., P. Amer, and P. Conrad,, "An Extension to TCP: Partial Order Service", Network Working Group, November 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc 1693.txt, (14 pages).
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	AAAQ	53	Graves, C., T. Butts, and M. Angel, "TN3270 Extensions for LUname and Printer Selection", Network Working Group, July 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc161646.txt, (13 pages).
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	AAAQ	53	Gwinn, A., "Simple Network Paging Protocol-Version 2", Network Working Group, July 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1645.txt, (15 pages).
	AAAR	53	Braden, B., J. Postel, and Y. Rekhter, "Internet Architecture Extensions for Shared Media", Network Working Group, May 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1620.txt, (18 pages).
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Tsang, P. W. M. and R. W. C. Wang, "Development of a Distributive Lighting Control System Using Local Operating Network," IEEE Transactions on Consumer Electronics, Vol. 40, No. 4, November 1994, (11 pages).
	AAAR	53	Adomeit, Reinhard and Bernhard Holtkamp, "A Reference Framework for Integrated POI/POS Systems," Fraunhofer Institute for Software Engineering and Systems Engineering, (4 pages).
	AAAS	53	Caneve, Maurizio, and Roberto Gagliardi, "A WAIS-Based Hypermedia Document System," (4 pages).

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	AAAQ	53	Caneve, Maurizio, and Roberto Gagliardi, "A WAIS-Based Hypermedia Document System," (4 pages).
	AAAR	53	Schmidt, Claudia, Burkhard Stiller, and Martina Zitterbart, "Towards Flexible Service-integrated Communication Subsystems," July 1, 1994, (4 pages).
	AAAS	53	Plagemann, Thomas, Janusz Waclawczyk, and Bernhard Plattner, "Management of Configurable Protocols for Multimedia Applications," (4 pages).

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	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	"Frame relay attracts chains; networks at Kash N' Karry, Office Max (network communications protocol)," Chain Store Age Executive with Shopping Center Age, December 1994 v70, (4 pages).
	AAAR	53	Cummings, Joanne, "What's Hot What's Not '95," Network World, December 26, 1994/January 2, 1995, (5 pages).
	AAAS	53	Aronin, Mindy, "XcelleNet launches fifth-generation RemoteWare 2.0 for remote and mobile applications," Business Wire, November 28, 1994, (4 pages).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AAAQ	53	Baum, David, "Designing mobile applications (case studies of companies developing mobile programs)," InfoWorld, November 28, 1994 v16 n48 p73, (7 pages).
	AAAR	53	Moeller, Michael, "Wireless standard to ease application portability; extensions will provide a common layer for CDPD, RAM, Ardis software," PC Week, November 21, 1994 v11 n46 p1, (3 pages).
	AAAS	53	Petreley, Nicholas, Nancy Durlester, and Laura Wonnacott, "The interoperability headache: linking disparate clients and servers," InfoWorld, November 15, 1993 v15 n46 p124, (12 pages).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AAAQ	53	Miscellaneous List of Article Abstracts, (50 pages).
	AAAR	53	Rescorla et al., "The Secure HyperText Transfer Protocol", Network Working Group, © August 1999, (42 pages).
	AAAS	53	Berners-Lee et al., "HyperText Markup Language Specification - 2.0", November 29, 1994, Available online at http://marc.merlins.org/~merlin/htmlearn/html2.html., August 21, 2002, (69 pages).

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	AAAQ	53	Raggett, Dave, "HyperText Markup Language Specification Version 3.0", March 28, 1995, Available online at http://www.w3.org/MarkUp/html3/html3.txt., August 21, 2002, (181 pages).
	AAAR	53	Merle et al., "Integration of heterogeneous environments: World Wide Web, Smart Card and Corba," Date Unknown, (16 pages).
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	AAAQ	53	Kirby et al., "Developing JDBC Servlet Applications", Dynamic Information Systems Corporation, Available online at http://www.disc.com/jdbcserv.html., May 8, 2002, (12 pages).
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	AAAR	53	Connolly, Daniel W., "Paul Burchard on HTML 2.0 FORMs", July 11, 1994, Available online at http://lists.w3.org/Archives/Public/www-html/1994Jul/0014.html., December 3, 2001, (6 pages).
	AAAS	53	Hackborn, Dianne, "Re: Java Applet element proposal", June 8, 1995, Available online at http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-95q2.messages/1228.html., November 1, 2001, (2 pages).

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	AAAQ	53	Kaye, Walter Ian, "Re: Protocol registry? (fwd. Java Applet element proposal)", June 5, 1995, Available online at http://lists.w3.org/Archives/Public/www-html/1995Jun/0069.html., August 14, 2001, (3 pages).
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	AAAS	53	Yourdon, Edward, "Java and the new Internet programming paradigm", August 1996, Available online at http://www.javaworld.com/javaworld/jw-08-1996/jw-08-yourdonbook_p.html., April 29, 2002, (20 pages).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AAAQ	53	Merckling et al., "Smart Card Introduction", March 1994, Available online at http://www.opengroup.org/rfc/mirror-rfc/rfc57.0.txt., March 1, 2001, (16 pages).
	AAAR	53	Bellovin et at., "Limitations of the Kerberos Authentication System", USENIX, 1991, (16 pages).
	AAAS	53	"Guideline for the Use of Advanced Authentication Technology Alternatives", Federal Information Processing Standards Publication 190, September 28, 1994, Available online at http://www.itl.nist.gov/fipspubs/fip190.htm., March 21, 2002, (49 pages).

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	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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	AAAS	53	Kotanchik, J., "Kerberos and Two-Factor Authentication", Security Dynamics, March 1994, (11 pages).

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	AAAP						Yes No

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	AAAQ	53	McLaughlin, L. III, ed., "Line Printer Daemon Protocol", Network Printing Working Group, August 1990, Available online at http://www.ietf.org/rfc/rfc1179.txt., September 17, 2002, (14 pages).
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	AAAO						Yes No
	AAAP						Yes No

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	AAAQ	53	Malamud et al., "Principles of Operation for the TPC.INT Subdomain: Remote Printing -- Technical Procedures", Dover Beach Consulting, Inc., October 1993, (11 pages).
	AAAR	53	Louis, Tristan, "Java on the Menu: Causing Jitters?," June 1995, Available online at http://www.tnl.net/who/bibliography/javajitters.asp., April 29, 2002, (2 pages).
	AAAS	53	Allen, Terry, "Java Applet element proposal," June 1, 1995, Available online at http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-95q2.messages/1119.html., November 16, 2001, (4 pages).

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	AAAQ	53	"The Smart Card Cashes In", The Economist, January 29, 1994 (2 pages).
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